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Application/Control Number: 09/766,873

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DETAILED ACTION

Applicants amendment canceling claims 1-35, and adding new claims 36-46, in the paper of 6/23/2004, is acknowledged.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Maria Maebius on 9/15/2004.

The application has been amended as follows:

Cancel claims 43 and 46.

In claim 41, after "wherein said" insert "recombinant DNA".

In claim 42, after "wherein said" insert "recombinant DNA".

In claim 44, after "wherein said" insert "recombinant DNA".

The following is an examiner's statement of reasons for allowance:

The prior art does not teach or suggest a *Flavobacterium heparinum* host cell transformed with a recombinant DNA expression vector selected from the group consisting of pIBFX1 and pIBFX2, as described in figures 1 and 2

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard G. Hutson whose telephone number is (571) 272-0930. The examiner can normally be reached on 7:30 am to 4:00 pm, M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ponnathapu Achutamurthy can be reached on (571) 272-0928. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Richard G Hutson, Ph.D.

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Primary Examiner Art Unit 1652

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